

THAT WHICH IS CLAIMED:

1. An isolated polypeptide having an amino acid sequence selected from the group consisting of:
- (a) The amino acid sequence shown in SEQ ID NO 1 or SEQ ID NO 3;
 - (b) The amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-1644;
 - (c) The amino acid sequence of an allelic variant of the amino acid sequence shown in SEQ ID NO 1 or SEQ ID NO 3;
 - (d) The amino acid sequence of an allelic variant of the amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-1644;
 - (e) The amino acid sequence of a sequence variant of the amino acid sequence shown in SEQ ID NO 1 or SEQ ID NO 3, wherein the sequence variant is encoded by a nucleic acid molecule hybridizing to the nucleic acid molecule shown in SEQ ID NO 2 or SEQ ID NO 4 under stringent conditions;
 - (f) The amino acid sequence of a sequence variant of the amino acid sequence encoded by the cDNA clone contained in ATCC Deposit No. PTA-1644, wherein the sequence variant is encoded by a nucleic acid molecule hybridizing under stringent conditions to the cDNA contained in ATCC Deposit No. PTA-1644;
 - (g) A fragment of the amino acid sequence shown in SEQ ID NO 1 or SEQ ID NO 3, wherein the fragment comprises at least 12 contiguous amino acids;
 - (h) A fragment of the amino acid sequence encoded by the cDNA contained in ATCC Deposit No. PTA-1644, wherein the fragment comprises at least 12 contiguous amino acids;
 - (i) The amino acid sequence of the mature polypeptide from about amino acid 6 to the last amino acid shown in SEQ ID NO 1 or SEQ ID NO 3;
 - (j) The amino acid sequence of the mature polypeptide from about amino acid 6 to the last amino acid encoded by the cDNA clone contained in ATCC Deposit No. PTA-1644; and
 - (k) The amino acid sequence of an epitope bearing region of any one of the polypeptides of (a)-(k).

2. An isolated antibody that selectively binds to a polypeptide of claim 1, (a)-(k).
3. A method for producing any of the polypeptides in claim 1 comprising introducing a nucleotide sequence encoding any of the polypeptide sequences in (a)-(k) into a host cell, and culturing the host cell under conditions in which the proteins are expressed from the nucleic acid.
4. A method for detecting the presence of any of the polypeptides in claim 1 in a sample, said method comprising contacting said sample with an agent that specifically allows detection of the presence of the polypeptide in the sample and then detecting the presence of the polypeptide.
5. The method of claim 4, wherein said agent is capable of selective physical association with said polypeptide.
6. The method of claim 4, wherein said agent binds to said polypeptide.
7. The method of claim 4, wherein said agent is an antibody.
8. The method of claim 4, wherein said agent is cAMP.
9. A kit comprising reagents used for the method of claim 4, wherein the reagents comprise an agent that specifically binds to said polypeptide.
10. A method for detecting the presence of any of the nucleotide sequences encoding the polypeptides in claim 1 in a sample, the method comprising contacting the sample with an oligonucleotide that hybridizes to the nucleic acid sequence under stringent conditions and determining whether the oligonucleotide binds to the nucleic acid in the sample.

